



SEQUENCE LISTING

<110> Swenson, David
Cepheid

<120> Controls for Primers in Multiplex Amplification
Reactions

<130> 020048-001710US

<140> US 10/721,579

<141> 2003-11-24

<150> US 60/429,834

<151> 2002-11-27

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Bacteria A
specific PCR target sequence

<400> 1

ggtgcggaag tgtaacgagg tggaaagcgc accatcggtt ctattacaag tcccttgatg 60
gaagattatg tcgaccactt t 81

<210> 2

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: complementary
sequence to the target sequence for Bacteria A

<400> 2

aaagtgggtcg acataatctt ccatcaaggg actagtaata gaaacgatgg tgcgctttcc 60
acctcgttac acttcgcac c 81

<210> 3

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Bacteria A
forward primer

<400> 3

ttacacttcc gcacc

15

<210> 4
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Bacteria A
 reverse primer

 <400> 4
 tatgtcgacc acttt 15

 <210> 5
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Beacons probe
 for Bacteria A

 <220>
 <221> modified_base
 <222> (1)
 <223> n = c modified by FAM

 <220>
 <221> modified_base
 <222> (27)
 <223> n = g modified by Dabcyl

 <400> 5
 ncacgcacta gtaatagaaa cgcgtgn 27

 <210> 6
 <211> 90
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Bacteria B
 specific PCR target sequence

 <400> 6
 gcacgcgtat gcagcgacga tgcagcgacg agtcgaggct aggcgagcag ctttatctat 60
 catcgtgatac gtgtacgtag ctagcatctg 90

 <210> 7
 <211> 90
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:complementary
 sequence to the target sequence for Bacteria B

<400> 7
cagatgctag ctacgtacac gatcacgatg atagataaag ctgctcgcct agcctcgact 60
cgctcgctgca tcgtcgctgc atacgcgtgc 90

<210> 8
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Bacteria B
forward primer

<400> 8
gctgcatacg cgtgc 15

<210> 9
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Bacteria B
reverse primer, Target 2 reverse primer sequence

<400> 9
cgtagctagc atctg 15

<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Beacons probe
for Bacteria B

<220>
<221> modified_base
<222> (1)
<223> n = c modified by Texas Red

<220>
<221> modified_base
<222> (30)
<223> n = g modified by Dabcyl

<400> 10
ncacgcgctg ctcgcctagc ctcggcgtgn 30

<210> 11
<211> 111
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Internal
 Control Oligo

<400> 11
 ggtgcggaag tgtaaaaacg tagctagcat aaaagctagc atctgaaatc gagctgatgc 60
 tgcaaagctg catacgcgaa agcatacgcg tgcaaatatg tcgaccactt t 111

<210> 12
 <211> 111
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:complementary
 sequence to the target sequence for Internal
 Control Oligo

<400> 12
 aaagtggctcg acatatttgc acgcgtatgc ttctgcgtaa gcagctttgc agcatcagct 60
 cgatttcaga tgctagcttt tatgctagct acgtttttac acttccgcac c 111

<210> 13
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Beacons probe
 for the Internal Control

<220>
 <221> modified_base
 <222> (1)
 <223> n = c modified by TET

<220>
 <221> modified_base
 <222> (27)
 <223> n = g modified by Dabcyl

<400> 13
 ncacgcgcag catcagctcg agcgtgn 27

<210> 14
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Target 2
 reverse primer subsequences

<400> 14
 cgtagctagc atctgaaaag ctagcatctg 30

<210> 15
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Target 2
reverse primer subsequences

<220>
<221> modified_base
<222> (10)..(21)
<223> n = g, a, c or t; unrelated nucleotides separating
Target 2 reverse primer subsequences

<400> 15
cgtagctagn nnnnnnnnnn ncatctg

27